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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. WILDT et al.

Serial No. 10/500,240 ✓

Filed: March 23, 2005

For: METHODS TO ENGINEER MAMMALIAN-TYPE
CARBOHYDRATE STRUCTURES

Art Unit: 1632 _____

Examiner: J. Hama _____

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

1. In compliance with 37 C.F.R. 1.97, submitted on the attached form herewith is a list of patents, publications or other information which are requested to be made of record in this application. This Information Disclosure Statement is not an admission that any patent, publication or other information referred to herein is "prior art" for this invention. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).
2. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.
3. Applicants respectfully request that the Examiner initial the attached form after reviewing the pertinence of each reference.
4. Pursuant to 37 C.F.R. 1.98 (a)(2)(ii), copies of each cited U.S. patent and each U.S. patent application publication are not enclosed herewith.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

 MERCK & CO., INC.
By: Michael D. Herzer Date: 7/30/2007

INFORMATION DISCLOSURE STATEMENT

5. Pursuant to 37 C.F.R. 1.98(d), copies of references listed on the attached form that were submitted to or cited by the Office in a related application upon which the instant application relies for an earlier filing date under 35 U.S.C. 120 are not enclosed. Related application(s) in which references were submitted to or cited by the Office are as follows:

RELATED APPLICATION		
U. S. SERIAL NUMBER	FILING DATE	MERCK CASE

If this is inconvenient, additional copies will be submitted upon request.

6. In accordance with 37 C.F.R. 1.97, (check one)

the attached information is filed within three months of the filing date of the captioned case.

the attached information is filed more than three months after the filing date but prior to the mailing of a first Office Action on the merits.

the attached information is filed before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

the attached information is being filed more than three months after the filing date and after the mailing of a first Office Action on the merits, but before the mailing date of a Final Action, Notice of Allowance, or an action that otherwise closes prosecution in the application. The enclosed authorization is therefore given to charge Deposit Account No. 13-2755 for the fee required under 37 C.F.R. 1.17(p).

each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated under 37 C.F.R. 1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,

By: J. DAVID REILLY

Attorney _____ For Applicant(s)

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Date: 7/30/2007

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		COMPLETE IF KNOWN	
		Application Number	10/500,240
		Filing Date	March 23, 2005
		First Named Inventor	S. Wildt
		Group Art Unit	1632
		Examiner Name	J. Hama
Sheet	1	3	Attorney Docket Number

(use as many sheets as necessary)

AUG 09 2007
U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
/JH/	2006/0160179			Bobrowicz et al.	07/20/2006
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number		
/JH/		EP	1522590	Glycofi, Inc.	04/13/2005
		EP	1297172	Glycofi, Inc.	11/09/2005
		WO	2004/074498	Hamilton et al.	09/02/2004
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		WO	2004/074497	Hamilton et al.	09/02/2004
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		WO	2007/028144	Glycofi, Inc.	03/08/2007
		WO	2000/061739	Kyowa Hakko Kogyo Co., Ltd.	10/19/2000

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A/PTO				COMPLETE IF KNOWN	
INFORMATION DISCLOSURE				Application Number	10/500,240
STATEMENT BY APPLICANT				Filing Date	March 23, 2005
<i>(use as many sheets as necessary)</i>				First Named Inventor	S. Wildt
				Group Art Unit	1632
				Examiner Name	--
Sheet	2	of	3	Attorney Docket Number	GF0022P

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				COMPLETE IF KNOWN	
Sheet	3	of	3	Application Number	10/500,240
				Filing Date	March 23, 2005
				First Named Inventor	S. Wildt
				Group Art Unit	1632
				Examiner Name	J. Hama
				Attorney Docket Number	
				GF0022P	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.			
/JH/	AA	Li et al., Nature Biotech., Vol. 24 (2006), pp. 210-215, "Optimization of humanized IgGs in glycoengineered Pichia pastoris"			
	AB	Lifely et al., Glycobiology, Vol. 5 (1995), pp. 813-822, "Glycosylation and biological activity of CAMPATH-1H expressed in different cell lines ..."			
	AC	Yamane-Ohnuki et al., Biotech. Bioengin., Vol. 87 (2004), pp. 614-622, "Establishment of FUT8 knockout Chinese hamster ovary cells: An ideal host cell line for producing ..."			
	AD	Weikert et al., Nature Biol., Vol. 17 (1999), pp. 1116-1121, "Engineering Chinese hamster ovary cells to maximize sialic acid content of recombinant glycoproteins"			
	AE	EP 1297172 B1 - Glycode Opposition Brief (French)			
	AF	EP 1297172 B1 - Glycode Opposition Brief (English translation)			
	AG	EP 1297172 B1 - Novozyme Opposition Brief			
	AH	EP 1297172 B1 - Patentee's Reply to the Notice of Opinion			
	AI	EP 1297172 B1 - EPO Non-Binding Opinion			
↓	AJ	Maras et al., Glycoconjugate J., Vol. 16 (1999), pp. 99-107, "Filamentous fungi as production organisms for glycoproteins of bio-medical interest"			

Examiner Signature	/Joanne Hama/	Date Considered	03/18/2008
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